



10/506421

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cc/c

Docket No.: HOK-0243
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:

Confirmation No.: 1262

Katsuyuki TANAKA et al.

Patent No.: 7,194,890

Issued: March 27, 2007

For: GAS CHROMATOGRAPH, AND BREATH
COMPONENT ANALYZER USING THE SAME

REQUEST FOR CERTIFICATE OF CORRECTION

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is respectfully requested that a Certificate of Correction be issued in connection with the above-identified patent. It appears that a mistake was recorded through the fault of the Patent and Trademark Office in the printing of the patent as clearly disclosed by the records of the Office within the meaning of 35 USC § 254. Accordingly, two copies of the special Certificate of Correction are attached hereto. It is believed that the error noted is an error of consequence involving the title of the invention and thus warrants the granting of a Certificate of Correction. Copies of the first page of the application showing the correct title, the declaration showing the correct title, and the Official Filing Receipt with the correct title are enclosed for the convenience of the PTO. It is believed that the error was made on the part of the PTO and that no government fee is required.

Should any costs be incurred, please consider this authorization to charge Deposit Account No. 18-0013.

Dated: May 17, 2007

Respectfully submitted,

By

Lee Cheng

Registration No.: 40,949

RADER, FISHMAN & GRAUER PLLC

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Attorney for Applicant

Certificate
MAY 21 2007
of Correction

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,194,890

DATED : March 27, 2007

INVENTOR(S): Katsuyuki TANAKA et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

Item (54) should be read as follows:

-- GAS CHROMATOGRAPH, AND BREATH COMPONENT ANALYZER USING THE SAME --.

MAILING ADDRESS OF SENDER:

Customer No. 23353
Rader, Fishman & Grauer PLLC
1233 20th Street, NW
Suite 501
Washington, DC 20036

PATENT NO. 7,194,890

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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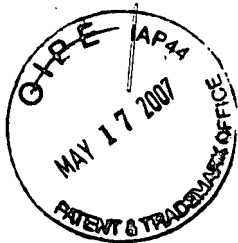
-- GAS CHROMATOGRAPH, AND BREATH COMPONENT ANALYZER USING THE SAME --.

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PATENT NO. 7,194,890

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DESCRIPTION

GAS CHROMATOGRAPH, AND BREATH COMPONENT ANALYZER USING
THE SAME

5 TECHNICAL FIELD

The present invention relates to a gas chromatograph, which is widely available for qualitative/quantitative analysis of a component in a subject gas, and a breath component analyzer using the same.

BACKGROUND ART

10 A gas chromatograph provides a gas chromatogram, which is prepared by introducing a subject gas to be detected together with a carrier gas into a gas separation column having a filling material therein, separating a gas component from the subject gas according to a deference in retention time caused by the interaction between the subject gas and the filling material in the
15 gas separation column, and then detecting the separated gas component by a detector such as thermal conductivity detector (TCD) or flame ionization detector (FID).

At this time, since the retention time of the gas component in the gas separation column depends on temperature, the gas separation column is
20 placed in a thermostatic chamber, and kept at an elevated temperature, so that the retention time of the gas component in the gas separation column can be maintained constant. As a result, accurate measurement becomes possible.

FIG. 14 is a schematic diagram showing this kind of gas chromatograph 6. A flow amount of a carrier gas supplied from a gas cylinder 7 through a gas
25 flow channel 8 is controlled by a flow regulator 9. After the flow amount is detected by a flow sensor 10, a subject gas to be measured is supplied from a gas injection port 11, so that a mixture gas of the carrier gas and the subject gas is introduced into a gas separation column 1. The gas separation column 1 is placed in a thermostatic chamber 30, and kept constant at an elevated
30 temperature. The gas provided from the gas separation column 1 is detected

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Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

As a below named inventor, I hereby declare that:

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明について、特許請求範囲に記載され、且つ特許が求められている発明主題に関して、私は、最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

GAS CHROMATOGRAPH, AND BREATH COMPONENT

ANALYZER USING THE SAME

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

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_____ であり、且つ
_____ の日に補正された出版（該当する場合）

☒ was filed on February 20, 2003
as United States Application Number or
PCT International Application Number
PCT/JPO3/01891 and was amended on
_____ (if applicable).

私は、上記の補正案によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

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I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/506,421	03/11/2005	2855	1050	HOK-0243	8	12	2

CONFIRMATION NO. 1262 ✓

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CORRECTED FILING RECEIPT



OC000000022037212

Date Mailed: 01/18/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Power of Attorney: The patent practitioners associated with Customer Number 23353.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/01891 02/20/2003

Foreign Applications

JAPAN 2002-057885 03/04/2002

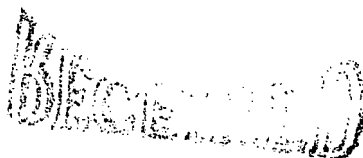
If Required, Foreign Filing License Granted: 01/17/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/506,421**

Projected Publication Date: Not Applicable

Non-Publication Request: No

DOCKETED BY



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Early Publication Request: No

Title

Gas Chromatograph, and Breath Component Analyzer Using the Same

Preliminary Class

073

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